Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

YNK-DBR No.....
Date.....

AEE, YSTSD

No: Third and Final Bill ..... Dated 20

Division: **Yelahanka** Sub-Division: **Yelahanka Satellite Town Sub Division** **SBR No: 124/21-22**

Bill Received No. Dated Divisional Cash Book Voucher No. **Date:** Dated **12/1/2022**

Sub Divisional **Work Code: 003-20-000081**

Schedule Docket No. Head of Account: Est.Cost- **200.00 Lakhs**

Name of Work: **Asphalting to Bestcounty-II and Surrounding Areas in Ward No-03 Yelahanka Satellite Town Sub Division**

Name of Contractor and Full Address: **M/s. Technical Manager (West), KRIDL, Bangaluru, 5th Block, 17th Main Shivakumar Swamy Building, Bhashyam Circle Bangalore-560010**

Reference to Agreement No: **BBMP/EE/YNK.D/W.O/198/2019-20** Date: **10-11-2019**

Certified that the measurements were taken by me on 31/12/2021 and recorded of Pages 493741 to 493745 of measurement Book No. 4938 and that the work is satisfactorily executed.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
BBMP

Officer-in-charge of work

Certified that the measurement were taken by me on 31/12/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

II Memorandum of Payment

NHM - 19594344=00
previous 63,18,072=00
Payment 6345482=00
Balance 6345482=00

1) Total value of work done or supplies made as per account within 90=00
2) Deduct amount to be held in reserve being ..... percent Rs.....
3) " Balance
4) Deduct Payment:
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made: cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted

Sub-Division Officer

Gross Amt	=Rs	6345482=00
ESD	=Rs	317274=00
CGST	=Rs	56656=00
SGST	=Rs	56656=00
IT	=Rs	126910=00
LC	=Rs	63455=00
CBR	=Rs	6345=00
Royalty	=Rs	106816=00
Total amount adjusted	Rs	734112=00
		5611370=00

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Contractor's Signature

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands)

(For use in the Office)

Witness
1.
2.

Asst Executive Engineer
Yelahanka Yeshwanthpura Sub Division
KRIDL BBMP Bangalore

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Audited & Admitted for Rs. 6345482=00
Stamp
5611370=00 by Cheque
and Rs. 734112=00 by adjusement

Executive Engineer

Accts Supdt
Yelahanka Division
BBMP

Exe. Engineer
Yelahanka Division
BBMP

ABSTRACT

Item no	Description of work	Unit	Modified Schedule B Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	795 57	207 6	165160 54	795 57	207.6	165160 54	0	207 6	0.00	795 57	165160 54
2	Providing and laying Plain cement concrete of mix1 3 6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0 89cum and fine aggregates @ 0 46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	131 72	5421 9	714169 96	131 72	5421 9	714169 96	0	5421 9	0.00	131 72	714169 96
3	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs With 20mm and Down size granite metal coarse aggregate at 0 69cum and fine aggregate at 0 43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc ,Complete and as per the directions of the Engineer-in-charge of the work	Cum	266 26	7070 2	1882476 10	266 26	7070 2	1882476 10	0	7070 2	0.00	266 26	1882476 10
4	Providing T M T bars Fe 500 steel reinforcement for R C C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Tonne	17 85	72326 98	1291078 18	17.853	72326 98	1291254 92	0	72326 98	0.00	17 85	1291254 92
5	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,and as per the directions of the Engineer-in-charge of the work	Sqm	680 40	2337	1590094 80	680 4	2337	1590094 80	0	2337	0.00	680 40	1590094 80
6	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1 2 4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc and as per the directions of the Engineer-in-charge of the work	Sqm	42 24	5418	228856 32	42 24	5418	228856 32	0	5418	0.00	42 24	228856 32
7	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0 878 cum and fine aggregtes @ 0 53cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	2 75	5747 32	15799 38	2 749	5747 32	15799 38	0 00	5747 32	0.00	2 75	15799 38

												Total Upto Dat	
									Present			Qnty	Amount
						Previous			Qnty	Rate	Amount		
											0.00	611 00	264245 28

Item no	Description of work	Unit	Modified Schedule B Qty and rates			Previous			Present			Total Upto Dat	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
8	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc ,complete as per specifications and as per the directions of the Engineer-in-charge of the work	m	611.00	432.48	264245.28	611	432.48	264245.28	0.00	432.48	0.00	611.00	264245.28
9	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	109.96	84.80	9324.61	0	84.8	0.00	109.96	84.80	9324.61	109.96	9324.61
10	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	2497.68	56.26	140519.75	2496.2	56.26	140438.16	0.00	56.26	0.00	2496.23	140438.16
11	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications and as per the directions of the Engineer-in-charge of the work	Sqm	6572.86	6.36	41803.36	6558.4	6.36	41711.30	0.00	6.36	0.00	6558.38	41711.30
12	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	985.93	1994.92	1966848.00	985.93	1994.92	1966851.48	0.00	1994.92	0.00	985.93	1966851.48
13	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications and as per the directions of the Engineer-in-charge of the work	Cum	1507.82	2001.28	3017568.33	1507.8	2001.28	3017570.01	0.00	2001.28	0.00	1507.82	3017570.01

Item no	Description of work	Unit	Modified Schedule B Qty and rates			Previous			Present			Total Upto Date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
14	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complete as per specifications and directions of the Engineer in charge.	Sqm	6572.86	22.26	146311.75	0	22.26	0.00	6572.86	22.26	146311.86	6572.86	146311.86
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications and directions of the Engineer in charge.	Sqm	6572.86	33.92	222951.24	0	33.92	0.00	6572.86	33.92	222951.41	6572.86	222951.41
16	KSRRB 500-2 Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications complete as per specifications and directions of the Engineer in charge.	Sqm	6572.86	5.30	34836.13	0	5.3	0.00	6572.86	5.30	34836.16	6572.86	34836.16
17	KSRRB 500-7 Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOMcomplete as per specifications and directions of the Engineer in charge	Sqm	6572.86	12.72	83606.72	0	12.72	0.00	6572.86	12.72	83606.78	6572.86	83606.78
18	KSRRB M500-17 Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen complete as per specifications and	Cum	328.64	7428.48	2441316.11	0	7428.48	0.00	328.64	7428.48	2441295.67	328.64	2441295.67
19	Providing and laying Bituminous Concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment , rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications Clause 507 of MORTH V revision as per IRC SP-53-2015 - using 40-60 TPH capacity HMP with mechanical Paver, Gr-II (30-45mm) with 5.4 % of modified bitumen binder	Cum	262.91	8699.42	2287201.06	0	8699.42	0.00	262.91	8699.42	2287164.51	262.91	2287164.51

Item no	Description of work	Unit	Modified Schedule B Qty and rates			Previous			Present			Total Upto Da	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
20	KSRRB M800-13 Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications and directions of the Engineer in charge.	Sqm	210.50	454.74	95722.77	0	454.74	0.00	209.08	454.74	95077.04	209.08	95077.04
21	Road markers/ Road stud , Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS (Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering thje lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/NH/33023/10-97-DO III Dt 11.06.1997 The height, width and length shall not exceed 50mm, 100mm and 102 mm and with minimum reflective area of	Nos	419.00	357.22	149675.18	0	357.22	0.00	419.00	357.22	149675.18	419.00	149675.18
22	Filling in foundation with granite/trap broken metal 100mm and down size ,with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications. 40mm Jelly ,complete as per specifications and directions of the Engineer in charge.												
	a) 40mm Jelly	Cum	0.62	1901.00	1178.62	0.62	1901	1178.62	0.00	1901.00	0.00	0.62	1178.62
	b) 20mm Jelly	Cum	0.62	1901.00	1178.62	0.62	1901	1178.62	0.00	1901.00	0.00	0.62	1178.62
	c) Coarse sand	Cum	0.47	2651.00	1232.72	0.465	2651	1232.72	0.00	2651.00	0.00	0.47	1232.72
	d) Fine sand	Cum	0.31	2651.00	821.81	0.31	2651	821.81	0.00	2651.00	0.00	0.31	821.81
	e) 12.5mm chips	Cum	0.47	1901.00	883.97	0.465	1901	883.97	0.00	1901.00	0.00	0.47	883.97
23	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-995 with latest amendments and conveying to work site including loading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle tee, stud ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for: HDPE Grade PE80-PN6.0, 630mm dia .(Perforated Pipe for Rain Water Harvesting Pit) complete as per specifications and directions of the Engineer in charge.	Rmt	9.00	10822.32	97400.88	9	10822.32	97400.88	0.00	10822.32	0.00	9.00	97400.88

Item no	Description of work	Unit	Modified Schedule B Qty and rates			Previous			Present			Total upto date	
			Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount
24	Providing of Geonets for Rain Water Harvesting pit on the filter media as specified in drawings or complete as per specifications and directions of the Engineer in charge	Sqm	155	71.03	11010	155	71.03	11010	000	71.03	000	155	11010
	Total				**16892372.27**			**11421434.95**			5470243.22		16891678.17
	GST 12%				**2027084.67**			**1370572.19**			656429.19		2027001.38
	KRIDL Charges (3% of estimated cost)				**506771.17**			**342643.05**			164197.30		506840.35
	For 1% Labour Cess				**168923.72**			**114214.35**			54702.43		168916.78
	Total Amount				**19595151.84**			**13248864.54**			6345482.13		19594346.67

Contractor

Assistant Engineer

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
Assistant Executive Engineer
ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ,
ಜ.ಜ.ಎಂ.ಕಿ. ಬೆಂಗಳೂರು-೧೦೬

Executive Engineer